

# Beamline Operations and Safety Awareness (BLOSA) Checklist

## Beamline: X25

*Visitors shall not use this BLOSA form - use the Visitor/Escort form at each entrance to the Experimental Floor. This BLOSA form is only for those individuals who will work on the beamline. They must have already completed NSLS access training (including GERT/LS Rad Module and NSLS Safety Module) and obtained a radiation badge (TLD).*

### Confirm that Each User:

- ☐ **Checked in** at User Administration **OR** has **valid BNL ID Badge** encoded for experimental floor access
- ☐ Completed **NSLS Safety Training** and **NSLS Radiological Access** Modules **OR training is current**
- ☐ Obtained a **radiation (TLD)** badge dosimeter from either NSLS User Administration or the NSLS Control Room
- If the user a) is a minor, under 18 years of age, b) has a declared pregnancy, c) is working with radioactive materials, d) is following other NSLS ESH requirements, e) Resident Beamline or NSLS Scientific/Professional/Technical staff, f) wants to where TLD badge for any reason, g) works in Bldg. 729.

### Emergency and Facility Safety

- ☐ **Emergency phone numbers:** Fire/Medical x2222, Security x2238, Control Rm x2550, Bldg. Manager x3476
- ☐ **Operations Coordinator** assistance: see instructions posted on hutch
- ☐ **Fire alarms: Evacuate** by nearest safe exit and meet on grass outside Main Entrance of Bldg. 725
- ☐ **Site alarms: Continuous** Siren — **Assemble** inside Main Lobby and Seminar Room
- Intermittent** Siren — **Evacuate site** immediately; apartment residents go to Berkner Hall
- ☐ **Nearest exits**, route identification and walk down
- ☐ **TV monitoring channels**
- ☐ **Green board** safety
- ☐ **Eye wash/shower station** locations
- ☐ **Fire Extinguisher & Fire Alarm Pull Station** locations

### Beamline Safety

- ☐ **Beamline Safety** personnel are: Steve LaMarra, Michael Becker, Lonny Berman
- ☐ **Emergency STOP button** identification and purpose
- ☐ **Beamline enabling and pink cards**
- ☐ **Power failure:** response and circuit breaker location
- ☐ **Radiation** hazards and postings
- ☐ **Safety/Hutch interlock training**
- ☐ **Beamline safety checklist(s)**
- ☐ **Experiment Safety Approval Form (SAF)**

### Beamline Operation

- ☐ **Manuals and beamline documentation location**
- ☐ **Proteus/valve interlock:** purpose & Location
- ☐ **Insertion device:** status, local feedback system
- ☐ **Hutch panels:** patch and gas system
- ☐ **White-beam mode only:** hazard/safeguards: ozone removal, beam heating, burning

### Experimental Procedures

- ☐ **Gas** use, fill and storage procedures
- ☐ **Chemical** use, labeling and storage
- ☐ **Satellite Accumulation Area**
- ☐ **Beryllium:** handling and damage cleanup
- ☐ **Cryogenics** fill station and demonstrate use
- ☐ **Waste Removal**
- ☐ **Electrical:** no work on exposed parts above 50V

*I understand the instructions given to me on beamline operations and safety awareness.*

<b>NSLS Policy:</b> Each user must be instructed in the safe operation of this beamline. Instruction is valid for a maximum of two years. Beamline staff shall keep readily available all relevant instructions and safety literature. ADDITIONAL TRAINING and/or FORMAL WORK PLANNING may be required for lead handling, use of Class III or IV lasers, laboratory wet chemistry work, etc	<b>Date</b>	<b>PRINT User Name</b>	<b>Guest #</b>	<b>Signature</b>
<b>DESIGNATED BLOSA TRAINERS for this beamline:</b>				<b>Trainer's Signature:</b>
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> M. Becker</div> <div style="width: 33%;"><input type="checkbox"/> J. Mansury</div> <div style="width: 33%;"><input type="checkbox"/> D. Schneider</div> <div style="width: 33%;"><input type="checkbox"/> L. Berman</div> <div style="width: 33%;"><input type="checkbox"/> S. Myers</div> <div style="width: 33%;"><input type="checkbox"/> G. Shea-McCarthy</div> <div style="width: 33%;"><input type="checkbox"/> A. Heroux</div> <div style="width: 33%;"><input type="checkbox"/> B. Nolan</div> <div style="width: 33%;"><input type="checkbox"/> A. Soares</div> <div style="width: 33%;"><input type="checkbox"/> S. LaMarra</div> <div style="width: 33%;"><input type="checkbox"/> H. Robinson</div> <div style="width: 33%;"><input type="checkbox"/> B. Sweet</div> <div style="width: 33%;"><input type="checkbox"/> A. Saxena</div> <div style="width: 33%;"><input type="checkbox"/> S. Vaday</div> </div>				